



Express Mail No. EV 930029529 US

174/307

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION

Applicants : Curt Wortman et al.  
Application No. : 10/722,665 Confirmation No. : 7683  
Filed : November 26, 2003  
For : PHASE ALIGNMENT CIRCUITRY AND METHODS  
Art Unit : 2611  
Examiner : Qutbuddin Ghulamali

New York, New York 10036  
March 27, 2007

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated January 12, 2007, applicants respectfully request reconsideration of the above-identified patent application in light of the following remarks.

The Listing of Claims begins on page 2 of this paper.

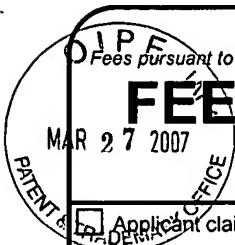
Remarks begin on page 12 of this paper.

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Approved for use through 01/31/2007. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2007

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$400.00)

Complete If Known	
Application Number	10/722,665
Filing Date	November 26, 2003
First Named Inventor	Curt Wortman
Examiner Name	Qutbuddin Ghulamali
Art Unit	2611
Attorney Docket No.	174/307

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 06-1075, Order No. 000174-0307 Deposit Account Name: Fish & Neave IP Group

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

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## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

## 2. EXCESS CLAIM FEES

## Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fees Paid (\$)	Small Entity	Fee (\$)	Fee (\$)
21	- 21 or HP = 0	x 0	= 0		50	25

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fees Paid (\$)
5	- 3 or HP = 2	x 200.00	= 400.00

HP = highest number of independent claims paid for, if greater than 3

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

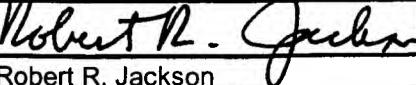
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50 =	(round up to a whole number)	x	=

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

## SUBMITTED BY

Signature		Registration No. 26,183 (Attorney/Agent)	Telephone 212-596-9000
Name (Print/Type)	Robert R. Jackson		Date March 27, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/21 (09-06)

Approved for use through 3/31/2007. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

24

Application Number	10/722,665
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First Named Inventor	Curt Wortman et al.
Art Unit	2611
Examiner Name	Qutbuddin Ghulamali

Attorney Docket Number

174/307

### ENCLOSURES (Check all that apply)

Fee Transmittal Form (in duplicate)  
 Fee Attached

Amendment/Reply to Office Action  
 After Final  
 Affidavits/declaration(s)

Extension of Time Request  
 Express Abandonment Request  
 Information Disclosure Statement  
 Certified Copy of Priority Document(s)  
 Response to Missing Parts/ Incomplete Application  
 Response to Missing Parts under 37 CFR 1.52 or 1.53

Drawing(s)  
 Licensing-related Papers  
 Petition  
 Petition to Convert to a Provisional Application  
 Power of Attorney By Assignee Executed Declaration  
 Terminal Disclaimer  
 Request for Refund  
 CD, Number of CD(s) \_\_\_\_\_  
 Landscape Table on CD

After Allowance Communication to TC  
 Appeal Communication to Board of Appeals and Interferences  
 Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  
 Proprietary Information  
 Status Letter  
 Other Enclosure(s) (please identify below):  
Postcard

#### Remarks

The Director is hereby authorized to charge payment of any fees or credit any overpayments required in connection with this Reply to Office Action to Deposit Account No. 06-1075, Order No. 000174-0307-101. A duplicate copy of this Transmittal is enclosed herewith.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Fish & Neave IP Group, Ropes & Gray LLP		
Signature			
Printed name	Robert R. Jackson		
Date	March 27, 2007	Reg. No.	26,183

### CERTIFICATE OF EXPRESS MAILING – EXPRESS MAIL NO. EV 930029529 US

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to Mail Stop Amendment, Hon. Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Signature	
Typed or printed name	ROSE MARIE DHANAJ
Date	March 27, 2007

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